Analytical Resources, Incorporated
Analytical Chemists and Consultants

September 22, 2009

Doug Morell
Golder Associates Inc.
18300 NE Union Hill Road, Suite 200
Redmond, WA 98052

RE: Project: Avery Landing, 073-93312
ARI Job No: PN10, PN14, PN53, & PN54

Dear Mr. Morell:

Please find enclosed the original Chain-of-Custody (COC) records, sample receipt documentation, and the data package for the project referenced above.

Sample receipt and details of these analyses are discussed in the Case Narrative.

An electronic copy of this package will remain on file with Analytical Resources, Inc. (ARI). Should you have any questions or problems, please feel free to call me at any time.

Sincerely,
ANALYTICAL RESOURCES, INC.

Cheronne Oreiro
Project Manager
-For-
Kelly Bottem
Client Services Manager
(206) 695-6211
kellyb@arilabs.com

cc: eFile: PN10

Enclosures

4611 South 134th Place, Suite 100 • Tukwila WA 98168 • **206-695-6200** • **206-695-6201** fax

Chain of Custody
Documentation

prepared
for

Golder Associates

Project: Avery Landing, 073-93312-03

ARI JOB NO: PN10, PN14, PN53, PN54

prepared
by

Analytical Resources, Inc.

PN10

SAMPLE CHAIN OF CUSTODY

Page # 1 of 1

Send Report To Doug Morell
Company Golder Associates
Address 18300 NE Union Hill Road
City, State, ZIP Redmond WA 98052
Phone # 425-883-0777 Fax # 425-882-5498

SAMPLERS (signature) K. Longley

PROJECT NAME/NO. Avery Landing 073-93312

PO #

REMARKS Please send Tier IV Data package (EPA CLP deliverable).

TURNAROUND TIME
- [X] Standard (~~2 WEEKS~~)
- [ ] RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- [X] Dispose after 30 days
- [ ] Return samples
- [ ] Will call with instructions

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	TPH-Diesel extended	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	PCB (8082A low level)	PAH * (8270 SIM)	TAL metals (total)	TAL metals (Diss.)		Notes
G-GA35-090309		9/3/09	950	water	7	X						X	X	X	hold		* PAH analysis must include naphthalene 1-methylnaphthalene 2-methylnaphthalene
																	Hold Dissolved metals bottle pending analysis of total metals.
																	Please see project specific reporting limits.

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: K. Longley	K Longley	Golder Associates	9/3/09	1330
Received by: A. Volgardsen	A. Volgardsen	ARI	9/4/09	955
Relinquished by:				
Received by:				

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044
FORMS\COC\COC.DOC

* Please send copy of received COC

Samples received at 3.4 °C

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: Golder Project Name: Avery Landing

COC No(s): NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: PN10 Tracking No: 8697 3361 4340 NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry): 3.4

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: 101886

Cooler Accepted by: AV Date: 9/4/09 Time: 955

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ... Bubble Wrap, Wet Ice, Gel Packs, Baggies, Foam Block, Paper, Other:			
Was sufficient ice used (if appropriate)?	NA	YES	NO
Were all bottles sealed in individual plastic bags?		YES	NO
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO

Samples Logged by: AV Date: 9/4/09 Time: 1046

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Small → "sm"
Peabubbles → "pb"
Large → "lg"
Headspace → "hs"

PRESERVATION VERIFICATION 09/04/09
Page 1 of 1

ANALYTICAL RESOURCES INCORPORATED

ARI Job No: **PN10**

Inquiry Number: NONE
Analysis Requested: 09/04/09
Contact: Morell, Douglas
Client: Golder Associates
Logged by: AV
Sample Set Used: Yes-481
Validatable Package: Lv4
Deliverables:

PC: Kelly
VTSR: 09/04/09

Project #: 073-93312
Project: Avery Landing
Sample Site:
SDG No:
Analytical Protocol: In-house

LOGNUM ARI ID	CLIENT ID	CN >12	WAD >12	NH3 <2	COD <2	FOG <2	MET <2	PHEN <2	PHOS <2	TKN <2	NO23 <2	TOC <2	S2 >9	AK102 <2	Fe2+ <2	DMET FLT	DOC FLT	PARAMETER	ADJUSTED TO	LOT NUMBER	AMOUNT ADDED	DATE/BY
09-20720 **PN10A**	G-GA3[illegible]-090309						TOT OK															

Checked By AV Date 9/4/09

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: Golder

COC No(s): _____ (NA)

Assigned ARI Job No: PN10

Project Name: Avery Landing

Delivered by: (Fed-Ex) UPS Courier Hand Delivered Other: _____

Tracking No: 8097 3361 4340 NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	(YES)	NO
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry): 3.4

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: 101886

Cooler Accepted by: AV Date: 9/4/09 Time: 955

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	(Bubble Wrap) (Wet Ice) Gel Packs (Baggies) Foam Block Paper Other: _____		
Was sufficient ice used (if appropriate)?	NA	(YES)	NO
Were all bottles sealed in individual plastic bags?		(YES)	NO
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	(YES)	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO

Samples Logged by: AV Date: 9/4/09 Time: 1046

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Small → "sm"

Peabubbles → "pb"

Large → "lg"

Headspace → "hs"

PRESERVATION VERIFICATION 09/04/09
Page 1 of 1

ANALYTICAL RESOURCES INCORPORATED

ARI Job No: **PN14**

Inquiry Number: NONE
Analysis Requested: 09/04/09
Contact: Morell, Douglas
Client: Golder Associates
Logged by: AV
Sample Set Used: Yes-481
Validatable Package: No
Deliverables:

PC: Kelly
VTSR: 09/04/09

Project #: 073-93312
Project: Avery Landing
Sample Site:
SDG No:
Analytical Protocol: In-house

LOGNUM ARI ID	CLIENT ID	CN >12	WAD >12	NH3 <2	COD <2	FOG <2	MET <2	PHEN <2	PHOS <2	TKN <2	NO23 <2	TOC <2	S2 >9	AK102 <2	Fe2+ <2	DMET FLT	DOC FLT	PARAMETER	ADJUSTED TO	LOT NUMBER	AMOUNT ADDED	DATE/BY
09-20749 **PN14A**	G-GA3S-090309						TOT															

LOGGED - PN14

Checked By AV Date 9/11/09

PN53

SAMPLE CHAIN OF CUSTODY

Send Report To Doug Morrell & Kirsi Longley
Company Golder Associates
Address 18300 NE Union Hill Road
City, State, ZIP Redmond, WA 98052
Phone # 425-883-0777 Fax #

SAMPLERS (signature)
PROJECT NAME/NO. Avery Landing 073-93312-03
PO #
REMARKS Please use project specific reporting limits. VOC's & SVOC's must be Target Compound List. Metals must be

Page # 1 of 1

TURNAROUND TIME
- [X] Standard (2 Weeks)
- [ ] RUSH
Rush charges authorized by:

SAMPLE DISPOSAL
- [X] Dispose after 30 days
- [ ] Return samples
- [ ] Will call with instructions

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	ANALYSES REQUESTED: NWTPH-Diesel extended	~~TPH-Gasoline~~	~~BTEX by 8021B~~	TCL VOC (8260B low level)	TCL SVOC (8270 low level)	~~HFS~~	PCB (8082A) low level	PAH (8270 SIM)	TAL metals (Total)	TAL metals (dissolved)		Notes
G-RS3SSW-090609		9/6/09	1145	W	7	X						X	X	X	Hold		Hold dissolved metals bottle pending analysis.
G-RS5SSED-0-090809		9/8/09	840	S	5	X			X	X		X	X	X			

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Kirsi Longley	Golder Associates	9/8/09	1430
Received by:	Tikka Mukumba	ARI	9/10/09	950
Relinquished by:				
Received by:				

Samples received at 4.0 °C

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044
FORMS\COC\COC.DOC

PN53 : 090905

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: Golder Associates
COC No(s): _____ (NA)
Assigned ARI Job No: PN53

Project Name: Avery landing
Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____
Tracking No: 839682281475 NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	(YES)	NO
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)..... 4.0

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: 101886

Cooler Accepted by: MM Date: 9/10/09 Time: 950

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ...	(Bubble Wrap) (Wet Ice) Gel Packs (Baggies) Foam Block Paper Other: _____		
Was sufficient ice used (if appropriate)?	NA	(YES)	NO
Were all bottles sealed in individual plastic bags?		(YES)	NO
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	NA	(YES)	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO

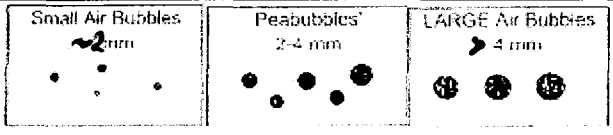
Samples Logged by: AV Date: 9/10/09 Time: 1143

** ***Notify Project Manager of discrepancies or concerns*** **

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:



Small → "sm"
Peabubbles → "pb"
Large → "lg"
Headspace → "hs"

PRESERVATION VERIFICATION 09/10/09
Page 1 of 1

ANALYTICAL RESOURCES INCORPORATED

ARI Job No: **PN53**

Inquiry Number: NONE
Analysis Requested: 09/10/09
Contact: Morell, Douglas
Client: Golder Associates
Logged by: AV
Sample Set Used: Yes-481
Validatable Package: Lv4
Deliverables:

PC: Kelly
VTSR: 09/10/09

Project #: 073-93312-03
Project: Avery Landing
Sample Site:
SDG No:
Analytical Protocol: In-house

LOGNUM ARI ID	CLIENT ID	CN >12	WAD >12	NH3 <2	COD <2	FOG <2	MET <2	PHEN <2	PHOS <2	TKN <2	NO23 <2	TOC <2	S2 >9	AK102 <2	Fe2+ <2	DMET FLT	DOC FLT	PARAMETER	ADJUSTED TO	LOT NUMBER	AMOUNT ADDED	DATE/BY
09-20948 **PN53A**	G-RS3SSW-090609						TOT															

Checked By AW Date 9/10/09

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: Golder Associates
COC No(s): _____ (NA)
Assigned ARI Job No: PN54

Project Name: Avery landing
Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____
Tracking No: 8396822814 75 NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	(YES)	NO
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)..... 4.0

If cooler temperature is out of compliance fill out form 00070F — Temp Gun ID#: 101886

Cooler Accepted by: MM Date: 9/10/09 Time: 950

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ...	(Bubble Wrap) (Wet Ice) Gel Packs (Baggies) Foam Block Paper Other: _____		
Was sufficient ice used (if appropriate)?	NA	(YES)	NO
Were all bottles sealed in individual plastic bags?		(YES)	NO
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	NA	(YES)	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO

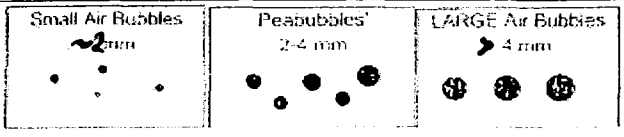
Samples Logged by: AV Date: 9/10/09 Time: 1147

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:



Small → "sm"
Peabubbles → "pb"
Large → "lg"
Headspace → "hs"

PRESERVATION VERIFICATION 09/10/09
Page 1 of 1

ANALYTICAL RESOURCES INCORPORATED

ARI Job No: **PN54**

Inquiry Number: NONE
Analysis Requested: 09/10/09
Contact: Morell, Douglas
Client: Golder Associates
Logged by: AV
Sample Set Used: Yes 481
Validatable Package: Lv4
Deliverables:

Yes C/P Package

PC: Kelly
VTSR: 09/10/09

Project #: 073-93312-03
Project: Avery Landing
Sample Site:
SDG No:
Analytical Protocol: In-house

LOGNUM ARI ID	CLIENT ID	CN >12	WAD >12	NH3 <2	COD <2	FOG <2	MET <2	PHEN <2	PHOS <2	TKN <2	NO23 <2	TOC <2	S2 >9	AK102 <2	Fe2+ <2	DMET FLT	DOC FLT	PARAMETER	ADJUSTED TO	LOT NUMBER	AMOUNT ADDED	DATE/BY
09-20950 **PN54A**	G-RS3SSW-090609						TOT OK															

PN54 09012

Checked By AV Date 9/10/09

Case Narrative

prepared
for

Golder Associates

Project: Avery Landing, 073-93312-03

ARI JOB NO: PN10, PN14, PN53, PN54

prepared
by

Analytical Resources, Inc.

Case Narrative

Client: Golder
Project: Avery Landing, 073-93312
ARI Job No.: PN10, PN14, PN53, & PN54
Date: September 22, 2009

Sample Receipt:

Analytical Resources Inc, (ARI) accepted one water sample on September 4, 2009 under ARI jobs PN10 and PN14. The sample was received with a cooler temperature of 3.4°C. For further details regarding sample receipt, please refer to the Cooler Receipt Form.

Analytical Resources Inc, (ARI) accepted one water sample on September 10, 2009 under ARI jobs PN53 and PN54. The sample was received with a cooler temperature of 4.0°C. For further details regarding sample receipt, please refer to the Cooler Receipt Form.

The samples were analyzed for SIM PAH, Low-Level PCBs, NWTPH-Dx, and Total Metals, as requested.

SIM PAHs by SW8270:

The samples were extracted on 9/7/09 and 9/10/09 and the extracts were analyzed on 9/9/09 and 9/15/09, within the method recommended holding times.

Initial calibration (s): All analytes were within method acceptance criteria.

Continuing calibration (s): The continuing calibration of Benzo(g,h,i)perylene was outside the control limits high for the 9/9/09 analysis. All detected results for this compound on the date of analysis have been flagged with a "Q" qualifier. No further corrective action was required.

Internal Standard (s): All internal standard areas were within control limits.

Method Blank (s): The method blanks were free of contamination

Surrogate(s): All surrogate percent recoveries were within control limits.

Samples: There were no anomalies associated with this analysis.

LCS/LCSD (s): All LCS and LCSD percent recoveries were within control limits.

Low-Level PCBs by SW8082:

The samples were extracted on 9/8/09 and 9/11/09 and the extracts were analyzed on 9/11/09 and 9/14/09, within the method recommended holding times.

Initial calibration (s): All analytes were within method acceptance criteria.

Continuing calibration (s): All analytes were within method acceptance criteria.

Internal Standard (s): All internal standard areas were within control limits.

Method Blank (s): The method blanks were free of contamination

Surrogate(s): All surrogate percent recoveries were within control limits.

Samples: There were no anomalies associated with this analysis.

LCS/LCSD (s): All LCS and LCSD percent recoveries were within control limits.

NWTPH-Dx

The samples were extracted on 9/7/09 and 9/10/09 and the extracts were analyzed on 9/7/09 and 9/11/09, within the method recommended holding times.

Initial calibration (s): All analytes were within method acceptance criteria.

Continuing calibration (s): All analytes were within method acceptance criteria.

Method Blank (s): The method blanks were free of contamination

Surrogate(s): All surrogate percent recoveries were within control limits.

Samples: Please note that both samples were received in one liter amber glass bottles and only five-hundred milliliters is required for extraction. As noted by the extraction analyst, five-hundred milliliters was measured out for both samples and the method recommended bottle rinse was not performed for either sample.

LCS/LCSD (s): All LCS and LCSD percent recoveries were within control limits.

Total Metals Analysis By SW6010 and 200.8:

The samples were digested between 9/4/09 and 9/11/09 and analyzed between 9/10/09 and 9/18/09, within the method recommended holding time.

Initial calibration (s): All analytes were within method acceptance criteria.

Continuing calibration (s): All analytes were within method acceptance criteria.

Method Blank (s): The method blanks were free of contamination

Samples: There were no anomalies associated with the analyses.

LCS (s): All LCS percent recoveries were within control limits.

Matrix Spike/ Sample Duplicate/ RPDs(s): All matrix spike percent recoveries and duplicate RPDs were within control limits.

Low-Level Mercury by SW7470A:

The samples were digested between 9/4/09 and 9/11/09 and analyzed between 9/8/09 and 9/11/09, within the method recommended holding time.

Initial calibration (s): All analytes were within method acceptance criteria.

Continuing calibration (s): All analytes were within method acceptance criteria.

Method Blank (s): The method blanks were free of contamination

Samples: There were no anomalies associated with the analyses.

LCS (s): All LCS percent recoveries were within control limits.

Matrix Spike/ Sample Duplicate/ RPDs(s): The matrix spike percent recovery and duplicate RPD was within control limits.

Data Reporting Qualifiers

Effective 7/10/2009

Inorganic Data

U Indicates that the target analyte was not detected at the reported concentration

* Duplicate RPD is not within established control limits

B Reported value is less than the CRDL but ≥ the Reporting Limit

N Matrix Spike recovery not within established control limits

NA Not Applicable, analyte not spiked

H The natural concentration of the spiked element is so much greater than the concentration spiked that an accurate determination of spike recovery is not possible

L Analyte concentration is ≤5 times the Reporting Limit and the replicate control limit defaults to ±1 RL instead of the normal 20% RPD

Organic Data

U Indicates that the target analyte was not detected at the reported concentration

* Flagged value is not within established control limits

B Analyte detected in an associated Method Blank at a concentration greater than one-half of ARI's Reporting Limit or 5% of the regulatory limit or 5% of the analyte concentration in the sample.

J Estimated concentration when the value is less than ARI's established reporting limits

D The spiked compound was not detected due to sample extract dilution

E Estimated concentration calculated for an analyte response above the valid instrument calibration range. A dilution is required to obtain an accurate quantification of the analyte.

Q Indicates a detected analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20%Drift or minimum RRF).

S Indicates an analyte response that has saturated the detector. The calculated concentration is not valid; a dilution is required to obtain valid quantification of the analyte

NA The flagged analyte was not analyzed for

NR Spiked compound recovery is not reported due to chromatographic interference

NS The flagged analyte was not spiked into the sample

M Estimated value for an analyte detected and confirmed by an analyst but with low spectral match parameters. This flag is used only for GC-MS analyses

M2 The sample contains PCB congeners that do not match any standard Aroclor pattern. The PCBs are identified and quantified as the Aroclor whose pattern most closely matches that of the sample. The reported value is an estimate.

N The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification"

Y The analyte is not detected at or above the reported concentration. The reporting limit is raised due to chromatographic interference. The Y flag is equivalent to the U flag with a raised reporting limit.

C The analyte was positively identified on only one of two chromatographic columns. Chromatographic interference prevented a positive identification on the second column

P The analyte was detected on both chromatographic columns but the quantified values differ by ≥40% RPD with no obvious chromatographic interference

Geotechnical Data

A The total of all fines fractions. This flag is used to report total fines when only sieve analysis is requested and balances total grain size with sample weight.

F Samples were frozen prior to particle size determination

SM Sample matrix was not appropriate for the requested analysis. This normally refers to samples contaminated with an organic product that interferes with the sieving process and/or moisture content, porosity and saturation calculations

SS Sample did not contain the proportion of "fines" required to perform the pipette portion of the grain size analysis

W Weight of sample in some pipette aliquots was below the level required for accurate weighting

LCS SOLUTIONS

06/16/2009

LABEL	SOLN ID	TEST	CONC. UG/ML	SOLVENT	EXP.
1	1612-4	PCB	20	ACETONE	06/08/10
2#	1472-3	BCOC PEST	10	ACETONE	NA
3	1579-3	PEST	02/04/20	ACETONE	09/23/09
4	1594-2	LOW PEST	0.2/0.4/2	ACETONE	09/23/09
5	1580-2	EPH	1500	MECL2	01/29/10
6	1559-2	PCP	12.5/125	ACETONE	11/05/09
7	1613-4	ABN	100	ACETONE	02/01/10
8	1566-1	TBT	2.5	MECL2	12/04/09
9	1567-3	PORE TBT	.125/.25	MECL2	12/04/09
10	1596-2	ABN ACID	100/200	MEOH	10/21/09
11	1591-1	TPHD	15000	ACETONE	03/26/10
12	1597-3	ABN BASE	200	ACETONE	02/05/10
13	1613-1	LOW PCB	2	ACETONE	06/08/10
14*	1547-1	LOW ABN ACID	10/20	MEOH	04/10/10
15	1591-3	SIM PNA	15/75	MEOH	08/28/09
16	1602-3	DIOXANE	100	MEOH	03/20/10
17#	1516-2	1248 PCB	20	ACETONE	NA
18	1591-4	LOW SIM PNA	1.5	ACETONE	08/28/09
19	1574-4	AK103	7500	MECL2	12/02/09
20	1572-2	PNA	100	ACETONE	12/26/09
21	1593-3	SKY/BHT	100	MEOH	03/31/10
22	1603-1	HERB	12.5/12500	MEOH	08/18/09
23*	1505-1	LW ABN BASE	20	MEOH	03/20/10
24	1613-2	LOW ABN	10	ACETONE	02/28/10
25#	1481-1	DIPHENYL	100	MEOH	NA
26*	1545-2	OP-PEST	25	MEOH	02/16/10
27#	1495-1	STEROLS	200	MEOH	NA
28	1595-1	ADD. PEST	4	ACETONE	09/15/09
29#	1496-3	DECANES	100	MEOH	NA
30	1604-2	EDB/DBCP	0.1	HEXANE	05/20/10
31	1596-1	TERPINEOL	100	MEOH	04/03/10

LCS SOLUTIONS

06/16/2009

32	1598-1	GUAIACOL	50-200	ACETONE	04/30/10
33		NOT IN USE			
34	1530-2	CONGENERS	1	ACETONE	07/23/09
35	1601-2	ALKYL PNA A	10	MEOH	04/03/10
36	1601-3	ALKYL PNA B	10	MEOH	05/13/10
50	1571-1	FULL RESIN	250	ACETONE	06/10/09
51	1611-3	DDTS	2.5	ACETONE	06/04/10
52#	1613-5	1232 PCB	20	ACETONE	06/16/10
	*=REVERIFIED SOLUTION				
	#=PROJECT SPECIFIC SOLUTION				

SURR SOLUTIONS

06/16/2009

LABEL	SOLN ID	TEST	CONC. UG/ML	SOLVENT	EXP.
A	1584-5	ABN	100/150	MEOH	02/18/10
B	1572-1	SIM PNA	15/75	MEOH	08/28/09
C*	1559-1	SIM ABN	25/37.5	MEOH	03/13/10
D	1612-3	LOW PCB	0.2	ACETONE	05/29/10
E*	1478-1	HERB	62.5	MEOH	09/21/09
F	1574-3	PCP	12.5	ACETONE	01/06/10
G	1602-2	1,4DIOXANE	100	MEOH	03/20/10
H	1594-1	OP-PEST	25	MEOH	04/01/10
I	1559-4	LOW S. PNA	1.5	MEOH	08/28/09
J	1566-5	TBT-PORE	0.125	MECL2	12/04/09
K	1612-1	MED PCB	20	ACETONE	05/29/10
L	1584-4	TBT	2.5	MECL2	12/04/09
M	1578-1	EPH	1500	MECL2	12/09/09
N	1612-2	PCB	2	ACETONE	05/29/10
O	1606-2	TPH	450	MECL2	01/07/10
P	1598-2	HCID	2250	MECL2	01/07/10
Q	1604-5	EDB	2	HEXANE	05/22/10
R	1521-4	RESIN ACID	250	ACETONE	06/11/09
S	1568-5	PBDE	.25	MEOH	12/11/09
T	1601-1	ALKYL PNA	10	MEOH	11/26/09
U	*=REVERIFIED SOLUTION				
V					
W					
X					
Y					
Z					

Data Summary Package

prepared
for

Golder Associates

Project: Avery Landing, 073-93312-03

ARI JOB NO: PN10, PN14, PN53, PN54

prepared
by

Analytical Resources, Inc.

SIM SEMIVOLATILE ANALYSIS

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PNAs by Low Level SW8270D-SIM GC/MS **Sample ID: G-GA3S-090309**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PN10A
LIMS ID: 09-20720
Matrix: Water
Data Release Authorized:
Reported: 09/10/09

QC Report No: PN10-Golder Associates
Project: Avery Landing
Event: 073-93312
Date Sampled: 09/03/09
Date Received: 09/04/09

Date Extracted: 09/07/09
Date Analyzed: 09/09/09 21:02
Instrument/Analyst: NT2/PK

Sample Amount: 500 mL
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00

CAS Number	Analyte	RL	Result
91-20-3	**Naphthalene**	**0.010**	**0.045**
91-57-6	**2-Methylnaphthalene**	**0.010**	**0.015**
90-12-0	**1-Methylnaphthalene**	**0.010**	**0.018**
208-96-8	Acenaphthylene	0.010	< 0.010 U
83-32-9	**Acenaphthene**	**0.010**	**0.016**
86-73-7	Fluorene	0.010	< 0.010 U
85-01-8	Phenanthrene	0.010	< 0.010 U
120-12-7	Anthracene	0.010	< 0.010 U
206-44-0	Fluoranthene	0.010	< 0.010 U
129-00-0	Pyrene	0.010	< 0.010 U
56-55-3	Benzo(a)anthracene	0.010	< 0.010 U
218-01-9	Chrysene	0.010	< 0.010 U
205-99-2	Benzo(b)fluoranthene	0.010	< 0.010 U
207-08-9	Benzo(k)fluoranthene	0.010	< 0.010 U
50-32-8	Benzo(a)pyrene	0.010	< 0.010 U
193-39-5	Indeno(1,2,3-cd)pyrene	0.010	< 0.010 U
53-70-3	Dibenz(a,h)anthracene	0.010	< 0.010 U
191-24-2	Benzo(g,h,i)perylene	0.010	< 0.010 U
132-64-9	Dibenzofuran	0.010	< 0.010 U

Reported in µg/L (ppb)

SIM Semivolatile Surrogate Recovery

d10-2-Methylnaphthalene	61.3%
d14-Dibenzo(a,h)anthracene	82.0%

ANALYTICAL RESOURCES INCORPORATED

SIM SW8270 SURROGATE RECOVERY SUMMARY

Matrix: Water

QC Report No: PN10-Golder Associates
Project: Avery Landing
073-93312

Client ID	MNP	DBA	TOT OUT
MB-090709	70.7%	77.3%	0
LCS-090709	67.7%	86.3%	0
LCSD-090709	55.7%	81.3%	0
G-GA3S-090309	61.3%	82.0%	0

	LCS/MB LIMITS	QC LIMITS
(MNP) = d10-2-Methylnaphthalene	(42-100)	(31-109)
(DBA) = d14-Dibenzo(a,h)anthracene	(40-125)	(10-133)

Prep Method: SW3510C
Log Number Range: 09-20720 to 09-20720

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PNAs by Low Level SW8270D-SIM GC/MS **Sample ID: LCS-090709**
Page 1 of 1 **LAB CONTROL SAMPLE**

Lab Sample ID: LCS-090709
LIMS ID: 09-20720
Matrix: Water
Data Release Authorized:
Reported: 09/10/09

QC Report No: PN10-Golder Associates
Project: Avery Landing
Event: 073-93312
Date Sampled: NA
Date Received: NA

Date Extracted LCS/LCSD: 09/07/09

Date Analyzed LCS: 09/09/09 15:46
LCSD: 09/09/09 16:11
Instrument/Analyst LCS: NT2/PK
LCSD: NT2/PK

Sample Amount LCS: 500 mL
LCSD: 500 mL
Final Extract Volume LCS: 0.50 mL
LCSD: 0.50 mL
Dilution Factor LCS: 1.00
LCSD: 1.00

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Naphthalene	0.210	0.300	70.0%	0.150	0.300	50.0%	33.3%
2-Methylnaphthalene	0.205	0.300	68.3%	0.154	0.300	51.3%	28.4%
1-Methylnaphthalene	0.196	0.300	65.3%	0.162	0.300	54.0%	19.0%
Acenaphthylene	0.196	0.300	65.3%	0.165	0.300	55.0%	17.2%
Acenaphthene	0.210	0.300	70.0%	0.176	0.300	58.7%	17.6%
Fluorene	0.223	0.300	74.3%	0.198	0.300	66.0%	11.9%
Phenanthrene	0.204	0.300	68.0%	0.197	0.300	65.7%	3.5%
Anthracene	0.202	0.300	67.3%	0.191	0.300	63.7%	5.6%
Fluoranthene	0.223	0.300	74.3%	0.220	0.300	73.3%	1.4%
Pyrene	0.222	0.300	74.0%	0.221	0.300	73.7%	0.5%
Benzo(a)anthracene	0.248	0.300	82.7%	0.235	0.300	78.3%	5.4%
Chrysene	0.244	0.300	81.3%	0.228	0.300	76.0%	6.8%
Benzo(b)fluoranthene	0.255	0.300	85.0%	0.234	0.300	78.0%	8.6%
Benzo(k)fluoranthene	0.210	0.300	70.0%	0.205	0.300	68.3%	2.4%
Benzo(a)pyrene	0.216	0.300	72.0%	0.210	0.300	70.0%	2.8%
Indeno(1,2,3-cd)pyrene	0.235	0.300	78.3%	0.221	0.300	73.7%	6.1%
Dibenz(a,h)anthracene	0.251	0.300	83.7%	0.235	0.300	78.3%	6.6%
Benzo(g,h,i)perylene	0.255 Q	0.300	85.0%	0.237 Q	0.300	79.0%	7.3%
Dibenzofuran	0.203	0.300	67.7%	0.181	0.300	60.3%	11.5%

Reported in µg/L (ppb)

RPD calculated using sample concentrations per SW846.

SIM Semivolatile Surrogate Recovery

	LCS	LCSD
d10-2-Methylnaphthalene	67.7%	55.7%
d14-Dibenzo(a,h)anthracene	86.3%	81.3%

4B
SEMIVOLATILE METHOD BLANK SUMMARY

BLANK NO.

PN10MBW1

Lab Name: ANALYTICAL RESOURCES, INC
Client: GOLDER ASSOCIATES

ARI Job No: PN10
Project: AVERY LANDING

Lab File ID: 090910
Date Extracted: 09/07/09

Instrument ID: NT2
Date Analyzed: 09/09/09

Matrix: LIQUID
Time Analyzed: 1522

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	PN10LCSW1	PN10LCSW1	090911	09/09/09
02	PN10LCSDW1	PN10LCSDW1	090912	09/09/09
03	G-GA3S-090309	PN10A	090924	09/09/09
04				
05				
06				
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COMMENTS:

FORM IV SV

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PNAs by Low Level SW8270D-SIM GC/MS **Sample ID: MB-090709**
Page 1 of 1 **METHOD BLANK**

Lab Sample ID: MB-090709
LIMS ID: 09-20720
Matrix: Water
Data Release Authorized:
Reported: 09/10/09

QC Report No: PN10-Golder Associates
Project: Avery Landing
Event: 073-93312
Date Sampled: NA
Date Received: NA

Date Extracted: 09/07/09
Date Analyzed: 09/09/09 15:22
Instrument/Analyst: NT2/PK

Sample Amount: 500 mL
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00

CAS Number	Analyte	RL	Result
91-20-3	Naphthalene	0.010	< 0.010 U
91-57-6	2-Methylnaphthalene	0.010	< 0.010 U
90-12-0	1-Methylnaphthalene	0.010	< 0.010 U
208-96-8	Acenaphthylene	0.010	< 0.010 U
83-32-9	Acenaphthene	0.010	< 0.010 U
86-73-7	Fluorene	0.010	< 0.010 U
85-01-8	Phenanthrene	0.010	< 0.010 U
120-12-7	Anthracene	0.010	< 0.010 U
206-44-0	Fluoranthene	0.010	< 0.010 U
129-00-0	Pyrene	0.010	< 0.010 U
56-55-3	Benzo(a)anthracene	0.010	< 0.010 U
218-01-9	Chrysene	0.010	< 0.010 U
205-99-2	Benzo(b)fluoranthene	0.010	< 0.010 U
207-08-9	Benzo(k)fluoranthene	0.010	< 0.010 U
50-32-8	Benzo(a)pyrene	0.010	< 0.010 U
193-39-5	Indeno(1,2,3-cd)pyrene	0.010	< 0.010 U
53-70-3	Dibenz(a,h)anthracene	0.010	< 0.010 U
191-24-2	Benzo(g,h,i)perylene	0.010	< 0.010 U
132-64-9	Dibenzofuran	0.010	< 0.010 U

Reported in µg/L (ppb)

SIM Semivolatile Surrogate Recovery

d10-2-Methylnaphthalene	70.7%
d14-Dibenzo(a,h)anthracene	77.3%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PNAs by Low Level SW8270D-SIM GC/MS **Sample ID: G-RS3SSW-090609**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PN53A
LIMS ID: 09-20948
Matrix: Water
Data Release Authorized: VTS
Reported: 09/16/09

QC Report No: PN53-Golder Associates
Project: Avery Landing
Event: 073-93312-03
Date Sampled: 09/06/09
Date Received: 09/10/09

Date Extracted: 09/10/09
Date Analyzed: 09/15/09 16:19
Instrument/Analyst: NT2/PK

Sample Amount: 500 mL
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00

CAS Number	Analyte	RL	Result
91-20-3	Naphthalene	0.010	< 0.010 U
91-57-6	2-Methylnaphthalene	0.010	< 0.010 U
90-12-0	1-Methylnaphthalene	0.010	< 0.010 U
208-96-8	Acenaphthylene	0.010	< 0.010 U
83-32-9	Acenaphthene	0.010	< 0.010 U
86-73-7	Fluorene	0.010	< 0.010 U
85-01-8	Phenanthrene	0.010	< 0.010 U
120-12-7	Anthracene	0.010	< 0.010 U
206-44-0	Fluoranthene	0.010	< 0.010 U
129-00-0	Pyrene	0.010	< 0.010 U
56-55-3	Benzo(a)anthracene	0.010	< 0.010 U
218-01-9	Chrysene	0.010	< 0.010 U
205-99-2	Benzo(b)fluoranthene	0.010	< 0.010 U
207-08-9	Benzo(k)fluoranthene	0.010	< 0.010 U
50-32-8	Benzo(a)pyrene	0.010	< 0.010 U
193-39-5	Indeno(1,2,3-cd)pyrene	0.010	< 0.010 U
53-70-3	Dibenz(a,h)anthracene	0.010	< 0.010 U
191-24-2	Benzo(g,h,i)perylene	0.010	< 0.010 U
132-64-9	Dibenzofuran	0.010	< 0.010 U

Reported in µg/L (ppb)

SIM Semivolatile Surrogate Recovery

d10-2-Methylnaphthalene	64.3%
d14-Dibenzo(a,h)anthracene	61.7%

ANALYTICAL RESOURCES INCORPORATED

SIM SW8270 SURROGATE RECOVERY SUMMARY

Matrix: Water

QC Report No: PN53-Golder Associates
Project: Avery Landing
073-93312-03

Client ID	MNP	DBA	TOT OUT
MB-091009	63.3%	67.0%	0
LCS-091009	63.3%	70.7%	0
LCSD-091009	64.3%	64.0%	0
G-RS3SSW-090609	64.3%	61.7%	0

	LCS/MB LIMITS	QC LIMITS
(MNP) = d10-2-Methylnaphthalene	(42-100)	(31-109)
(DBA) = d14-Dibenzo(a,h)anthracene	(40-125)	(10-133)

Prep Method: SW3510C
Log Number Range: 09-20948 to 09-20948

FORM-II SIM SW8270

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PNAs by Low Level SW8270D-SIM GC/MS **Sample ID: LCS-091009**
Page 1 of 1 **LAB CONTROL SAMPLE**

Lab Sample ID: LCS-091009
LIMS ID: 09-20948
Matrix: Water
Data Release Authorized: VTS
Reported: 09/16/09

QC Report No: PN53-Golder Associates
Project: Avery Landing
Event: 073-93312-03
Date Sampled: NA
Date Received: NA

Date Extracted LCS/LCSD: 09/10/09

Date Analyzed LCS: 09/15/09 15:31
LCSD: 09/15/09 15:55
Instrument/Analyst LCS: NT2/PK
LCSD: NT2/PK

Sample Amount LCS: 500 mL
LCSD: 500 mL
Final Extract Volume LCS: 0.50 mL
LCSD: 0.50 mL
Dilution Factor LCS: 1.00
LCSD: 1.00

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Naphthalene	0.202	0.300	67.3%	0.209	0.300	69.7%	3.4%
2-Methylnaphthalene	0.200	0.300	66.7%	0.196	0.300	65.3%	2.0%
1-Methylnaphthalene	0.192	0.300	64.0%	0.197	0.300	65.7%	2.6%
Acenaphthylene	0.189	0.300	63.0%	0.191	0.300	63.7%	1.1%
Acenaphthene	0.190	0.300	63.3%	0.195	0.300	65.0%	2.6%
Fluorene	0.198	0.300	66.0%	0.204	0.300	68.0%	3.0%
Phenanthrene	0.200	0.300	66.7%	0.223	0.300	74.3%	10.9%
Anthracene	0.204	0.300	68.0%	0.208	0.300	69.3%	1.9%
Fluoranthene	0.213	0.300	71.0%	0.212	0.300	70.7%	0.5%
Pyrene	0.216	0.300	72.0%	0.220	0.300	73.3%	1.8%
Benzo(a)anthracene	0.222	0.300	74.0%	0.221	0.300	73.7%	0.5%
Chrysene	0.213	0.300	71.0%	0.213	0.300	71.0%	0.0%
Benzo(b)fluoranthene	0.240	0.300	80.0%	0.229	0.300	76.3%	4.7%
Benzo(k)fluoranthene	0.195	0.300	65.0%	0.188	0.300	62.7%	3.7%
Benzo(a)pyrene	0.207	0.300	69.0%	0.197	0.300	65.7%	5.0%
Indeno(1,2,3-cd)pyrene	0.198	0.300	66.0%	0.174	0.300	58.0%	12.9%
Dibenz(a,h)anthracene	0.202	0.300	67.3%	0.185	0.300	61.7%	8.8%
Benzo(g,h,i)perylene	0.197	0.300	65.7%	0.167	0.300	55.7%	16.5%
Dibenzofuran	0.197	0.300	65.7%	0.204	0.300	68.0%	3.5%

Reported in µg/L (ppb)

RPD calculated using sample concentrations per SW846.

SIM Semivolatile Surrogate Recovery

	LCS	LCSD
d10-2-Methylnaphthalene	63.3%	64.3%
d14-Dibenzo(a,h)anthracene	70.7%	64.0%

4B
SEMIVOLATILE METHOD BLANK SUMMARY

BLANK NO.

PN53MBW1

Lab Name: ANALYTICAL RESOURCES, INC
Client: GOLDER ASSOCIATES

ARI Job No: PN53
Project: AVERY LANDING

Lab File ID: 091501
Date Extracted: 09/10/09

Instrument ID: NT2
Date Analyzed: 09/15/09

Matrix: LIQUID
Time Analyzed: 1506

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	PN53LCSW1	PN53LCSW1	091502	09/15/09
02	PN53LCSDW1	PN53LCSDW1	091503	09/15/09
03	G-RS3SSW-090609	PN53A	091504	09/15/09
04				
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COMMENTS:

FORM IV SV

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PNAs by Low Level SW8270D-SIM GC/MS **Sample ID: MB-091009**
Page 1 of 1 **METHOD BLANK**

Lab Sample ID: MB-091009
LIMS ID: 09-20948
Matrix: Water
Data Release Authorized: VTS
Reported: 09/16/09

QC Report No: PN53-Golder Associates
Project: Avery Landing
Event: 073-93312-03
Date Sampled: NA
Date Received: NA

Date Extracted: 09/10/09
Date Analyzed: 09/15/09 15:06
Instrument/Analyst: NT2/PK

Sample Amount: 500 mL
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00

CAS Number	Analyte	RL	Result
91-20-3	Naphthalene	0.010	< 0.010 U
91-57-6	2-Methylnaphthalene	0.010	< 0.010 U
90-12-0	1-Methylnaphthalene	0.010	< 0.010 U
208-96-8	Acenaphthylene	0.010	< 0.010 U
83-32-9	Acenaphthene	0.010	< 0.010 U
86-73-7	Fluorene	0.010	< 0.010 U
85-01-8	Phenanthrene	0.010	< 0.010 U
120-12-7	Anthracene	0.010	< 0.010 U
206-44-0	Fluoranthene	0.010	< 0.010 U
129-00-0	Pyrene	0.010	< 0.010 U
56-55-3	Benzo(a)anthracene	0.010	< 0.010 U
218-01-9	Chrysene	0.010	< 0.010 U
205-99-2	Benzo(b)fluoranthene	0.010	< 0.010 U
207-08-9	Benzo(k)fluoranthene	0.010	< 0.010 U
50-32-8	Benzo(a)pyrene	0.010	< 0.010 U
193-39-5	Indeno(1,2,3-cd)pyrene	0.010	< 0.010 U
53-70-3	Dibenz(a,h)anthracene	0.010	< 0.010 U
191-24-2	Benzo(g,h,i)perylene	0.010	< 0.010 U
132-64-9	Dibenzofuran	0.010	< 0.010 U

Reported in µg/L (ppb)

SIM Semivolatile Surrogate Recovery

d10-2-Methylnaphthalene	63.3%
d14-Dibenzo(a,h)anthracene	67.0%

PCB ANALYSIS

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PCB by GC/ECD Method SW8082
Page 1 of 1

Sample ID: G-GA3S-090309
SAMPLE

Lab Sample ID: PN10A
LIMS ID: 09-20720
Matrix: Water
Data Release Authorized:
Reported: 09/15/09

QC Report No: PN10-Golder Associates
Project: Avery Landing
073-93312
Date Sampled: 09/03/09
Date Received: 09/04/09

Date Extracted: 09/08/09
Date Analyzed: 09/11/09 21:12
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes

Sample Amount: 1000 mL
Final Extract Volume: 0.50 mL
Dilution Factor: 1.00
Silica Gel: No
Acid Cleanup: Yes

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	0.010	< 0.010 U
53469-21-9	Aroclor 1242	0.010	< 0.010 U
12672-29-6	Aroclor 1248	0.010	< 0.010 U
11097-69-1	Aroclor 1254	0.010	< 0.010 U
11096-82-5	Aroclor 1260	0.010	< 0.010 U
11104-28-2	Aroclor 1221	0.010	< 0.010 U
11141-16-5	Aroclor 1232	0.010	< 0.010 U
37324-23-5	Aroclor 1262	0.010	< 0.010 U
11100-14-4	Aroclor 1268	0.010	< 0.010 U

Reported in µg/L (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	59.8%
Tetrachlorometaxylene	51.8%

ANALYTICAL RESOURCES INCORPORATED

SW8082/PCB WATER SURROGATE RECOVERY SUMMARY

Matrix: Water

QC Report No: PN10-Golder Associates
Project: Avery Landing
073-93312

Client ID	DCBP % REC	DCBP LCL-UCL	TCMX % REC	TCMX LCL-UCL	TOT OUT
MB-090809	67.2%	32-108	40.2%	31-100	0
LCS-090809	73.2%	32-108	47.5%	31-100	0
LCSD-090809	74.0%	32-108	41.5%	31-100	0
G-GA3S-090309	59.8%	19-111	51.8%	21-100	0

Prep Method: SW3510C
Log Number Range: 09-20720 to 09-20720

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PCB by GC/ECD Method SW8082
Page 1 of 1

Sample ID: LCS-090809
LCS/LCSD

Lab Sample ID: LCS-090809
LIMS ID: 09-20720
Matrix: Water
Data Release Authorized:
Reported: 09/15/09

QC Report No: PN10-Golder Associates
Project: Avery Landing
073-93312
Date Sampled: NA
Date Received: NA

Date Extracted LCS/LCSD: 09/08/09

Date Analyzed LCS: 09/11/09 14:20
LCSD: 09/11/09 14:42
Instrument/Analyst LCS: ECD5/JGR
LCSD: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes

Sample Amount LCS: 1000 mL
LCSD: 1000 mL
Final Extract Volume LCS: 0.50 mL
LCSD: 0.50 mL
Dilution Factor LCS: 1.00
LCSD: 1.00
Silica Gel: No
Acid Cleanup: Yes

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Aroclor 1016	0.036	0.050	72.0%	0.034	0.050	68.0%	5.7%
Aroclor 1260	0.045	0.050	90.0%	0.040	0.050	80.0%	11.8%

PCB Surrogate Recovery

	LCS	LCSD
Decachlorobiphenyl	73.2%	74.0%
Tetrachlorometaxylene	47.5%	41.5%

Results reported in µg/L
RPD calculated using sample concentrations per SW846.

PCB METHOD BLANK SUMMARY

BLANK NO.

PN04MBW1

Lab Name: ANALYTICAL RESOURCES, INC
Client: GOLDER ASSOC

ARI Job No.: PN10
Project: AVERY LANDING

Lab Sample ID: PN04MBW1
Lab File ID: 0911B016

Date Extracted: 09/08/09
Matrix: LIQUID

Date Analyzed: 09/11/09
Instrument ID: ECD5

Time Analyzed: 1357
GC Columns: ZB5/ZB35

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED
01	PN04LCSW1	PN04LCSW1	09/11/09
02	PN04LCSDW1	PN04LCSDW1	09/11/09
03	G-GA3S-090309	PN10A	09/11/09

ALL RUNS ARE DUAL COLUMN

FORM IV PCB

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PCB by GC/ECD Method SW8082
Page 1 of 1

Sample ID: MB-090809
METHOD BLANK

Lab Sample ID: MB-090809
LIMS ID: 09-20720
Matrix: Water
Data Release Authorized:
Reported: 09/15/09

QC Report No: PN10-Golder Associates
Project: Avery Landing
073-93312
Date Sampled: NA
Date Received: NA

Date Extracted: 09/08/09
Date Analyzed: 09/11/09 13:57
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes

Sample Amount: 1000 mL
Final Extract Volume: 0.50 mL
Dilution Factor: 1.00
Silica Gel: No
Acid Cleanup: Yes

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	0.010	< 0.010 U
53469-21-9	Aroclor 1242	0.010	< 0.010 U
12672-29-6	Aroclor 1248	0.010	< 0.010 U
11097-69-1	Aroclor 1254	0.010	< 0.010 U
11096-82-5	Aroclor 1260	0.010	< 0.010 U
11104-28-2	Aroclor 1221	0.010	< 0.010 U
11141-16-5	Aroclor 1232	0.010	< 0.010 U
37324-23-5	Aroclor 1262	0.010	< 0.010 U
11100-14-4	Aroclor 1268	0.010	< 0.010 U

Reported in µg/L (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	67.2%
Tetrachlorometaxylene	40.2%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PCB by GC/ECD Method SW8082
Page 1 of 1

Sample ID: G-RS3SSW-090609
SAMPLE

Lab Sample ID: PN53A
LIMS ID: 09-20948
Matrix: Water
Data Release Authorized: VTS
Reported: 09/16/09

QC Report No: PN53-Golder Associates
Project: Avery Landing
073-93312-03
Date Sampled: 09/06/09
Date Received: 09/10/09

Date Extracted: 09/11/09
Date Analyzed: 09/14/09 17:13
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes

Sample Amount: 1000 mL
Final Extract Volume: 0.50 mL
Dilution Factor: 1.00
Silica Gel: No
Acid Cleanup: Yes

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	0.010	< 0.010 U
53469-21-9	Aroclor 1242	0.010	< 0.010 U
12672-29-6	Aroclor 1248	0.010	< 0.010 U
11097-69-1	Aroclor 1254	0.010	< 0.010 U
11096-82-5	Aroclor 1260	0.010	< 0.010 U
11104-28-2	Aroclor 1221	0.010	< 0.010 U
11141-16-5	Aroclor 1232	0.010	< 0.010 U
37324-23-5	Aroclor 1262	0.010	< 0.010 U
11100-14-4	Aroclor 1268	0.010	< 0.010 U

Reported in µg/L (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	74.5%
Tetrachlorometaxylene	60.2%

FORM I

ANALYTICAL RESOURCES INCORPORATED

SW8082/PCB WATER SURROGATE RECOVERY SUMMARY

Matrix: Water

QC Report No: PN53-Golder Associates
Project: Avery Landing
073-93312-03

Client ID	DCBP % REC	DCBP LCL-UCL	TCMX % REC	TCMX LCL-UCL	TOT OUT
MB-091109	81.2%	32-108	65.0%	31-100	0
LCS-091109	77.8%	32-108	57.0%	31-100	0
LCSD-091109	76.2%	32-108	54.0%	31-100	0
G-RS3SSW-090609	74.5%	19-111	60.2%	21-100	0

Prep Method: SW3510C
Log Number Range: 09-20948 to 09-20948

FORM-II SW8082

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PCB by GC/ECD Method SW8082
Page 1 of 1

Sample ID: LCS-091109
LCS/LCSD

Lab Sample ID: LCS-091109
LIMS ID: 09-20948
Matrix: Water
Data Release Authorized: VTS
Reported: 09/16/09

QC Report No: PN53-Golder Associates
Project: Avery Landing
073-93312-03
Date Sampled: NA
Date Received: NA

Date Extracted LCS/LCSD: 09/11/09

Date Analyzed LCS: 09/14/09 14:33
LCSD: 09/14/09 14:56
Instrument/Analyst LCS: ECD5/JGR
LCSD: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes

Sample Amount LCS: 1000 mL
LCSD: 1000 mL
Final Extract Volume LCS: 0.50 mL
LCSD: 0.50 mL
Dilution Factor LCS: 1.00
LCSD: 1.00
Silica Gel: No
Acid Cleanup: Yes

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Aroclor 1016	0.041	0.050	82.0%	0.040	0.050	80.0%	2.5%
Aroclor 1260	0.047	0.050	94.0%	0.045	0.050	90.0%	4.3%

PCB Surrogate Recovery

	LCS	LCSD
Decachlorobiphenyl	77.8%	76.2%
Tetrachlorometaxylene	57.0%	54.0%

Results reported in µg/L
RPD calculated using sample concentrations per SW846.

PCB METHOD BLANK SUMMARY

BLANK NO.

PN39MBW1

Lab Name: ANALYTICAL RESOURCES, INC
Client: GOLDER ASSOC

ARI Job No.: PN53
Project: AVERY LANDING

Lab Sample ID: PN39MBW1
Lab File ID: 0914B010

Date Extracted: 09/11/09
Matrix: LIQUID

Date Analyzed: 09/14/09
Instrument ID: ECD5

Time Analyzed: 1410
GC Columns: ZB5/ZB35

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED
01	PN39LCSW1	PN39LCSW1	09/14/09
02	PN39LCSDW1	PN39LCSDW1	09/14/09
03	G-RS3SSW-090609	PN53A	09/14/09

ALL RUNS ARE DUAL COLUMN

FORM IV PCB

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PCB by GC/ECD Method SW8082
Page 1 of 1

Sample ID: MB-091109
METHOD BLANK

Lab Sample ID: MB-091109
LIMS ID: 09-20948
Matrix: Water
Data Release Authorized: VTS
Reported: 09/16/09

QC Report No: PN53-Golder Associates
Project: Avery Landing
073-93312-03
Date Sampled: NA
Date Received: NA

Date Extracted: 09/11/09
Date Analyzed: 09/14/09 14:10
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes

Sample Amount: 1000 mL
Final Extract Volume: 0.50 mL
Dilution Factor: 1.00
Silica Gel: No
Acid Cleanup: Yes

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	0.010	< 0.010 U
53469-21-9	Aroclor 1242	0.010	< 0.010 U
12672-29-6	Aroclor 1248	0.010	< 0.010 U
11097-69-1	Aroclor 1254	0.010	< 0.010 U
11096-82-5	Aroclor 1260	0.010	< 0.010 U
11104-28-2	Aroclor 1221	0.010	< 0.010 U
11141-16-5	Aroclor 1232	0.010	< 0.010 U
37324-23-5	Aroclor 1262	0.010	< 0.010 U
11100-14-4	Aroclor 1268	0.010	< 0.010 U

Reported in µg/L (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	81.2%
Tetrachlorometaxylene	65.0%

FORM I

TPHD ANALYSIS

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
TOTAL DIESEL RANGE HYDROCARBONS
NWTPHD by GC/FID-Silica and Acid Cleaned
Page 1 of 1
Matrix: Water

QC Report No: PN10-Golder Associates
Project: Avery Landing
073-93312

Data Release Authorized:
Reported: 09/09/09

ARI ID	Sample ID	Extraction Date	Analysis Date	EFV DL	Range	RL	Result
MB-090709	Method Blank	09/07/09	09/07/09	1.00	Diesel	0.25	< 0.25 U
09-20720	HC ID: ---		FID3A	1.0	Motor Oil	0.50	< 0.50 U
					o-Terphenyl		93.2%
PN10A	G-GA3S-090309	09/07/09	09/07/09	1.00	Diesel	0.25	< 0.25 U
09-20720	HC ID: ---		FID3A	1.0	Motor Oil	0.50	< 0.50 U
					o-Terphenyl		89.4%

Reported in mg/L (ppm)

EFV-Effective Final Volume in mL.
DL-Dilution of extract prior to analysis.
RL-Reporting limit.

Diesel quantitation on total peaks in the range from C12 to C24.
Motor Oil quantitation on total peaks in the range from C24 to C38.
HC ID: DRO/RRO indicate results of organics or additional hydrocarbons in ranges are not identifiable.

ANALYTICAL RESOURCES INCORPORATED

CLEANED TPHD SURROGATE RECOVERY SUMMARY

Matrix: Water

QC Report No: PN10-Golder Associates
Project: Avery Landing
073-93312

Client ID	OTER	TOT OUT
MB-090709	93.2%	0
LCS-090709	94.5%	0
LCSD-090709	88.7%	0
G-GA3S-090309	89.4%	0

	LCS/MB LIMITS	QC LIMITS
(OTER) = o-Terphenyl	(51-120)	(41-121)

Prep Method: SW3510C
Log Number Range: 09-20720 to 09-20720

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
NWTPHD by GC/FID-Silica and Acid Cleaned **Sample ID: LCS-090709**
Page 1 of 1 **LCS/LCSD**

Lab Sample ID: LCS-090709 QC Report No: PN10-Golder Associates
LIMS ID: 09-20720 Project: Avery Landing
Matrix: Water 073-93312
Data Release Authorized: Date Sampled: 09/03/09
Reported: 09/09/09 Date Received: 09/04/09

Date Extracted LCS/LCSD: 09/07/09 Sample Amount LCS: 500 mL
LCSD: 500 mL
Date Analyzed LCS: 09/07/09 18:10 Final Extract Volume LCS: 1.0 mL
LCSD: 09/07/09 18:29 LCSD: 1.0 mL
Instrument/Analyst LCS: FID/MS Dilution Factor LCS: 1.00
LCSD: FID/MS LCSD: 1.00

Range	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Diesel	2.51	3.00	83.7%	2.46	3.00	82.0%	2.0%

TPHD Surrogate Recovery

	LCS	LCSD
o-Terphenyl	94.5%	88.7%

Results reported in mg/L
RPD calculated using sample concentrations per SW846.

ANALYTICAL RESOURCES INCORPORATED

TOTAL DIESEL RANGE HYDROCARBONS-EXTRACTION REPORT

ARI Job: PN10
Matrix: Water Project: Avery Landing
Date Received: 09/04/09 073-93312

ARI ID	Client ID	Samp Amt	Final Vol	Prep Date
09-20720-090709MB1	Method Blank	500 mL	1.00 mL	09/07/09
09-20720-090709LCS1	Lab Control	500 mL	1.00 mL	09/07/09
09-20720-090709LCSD1	Lab Control Dup	500 mL	1.00 mL	09/07/09
09-20720-PN10A	G-GA3S-090309	500 mL	1.00 mL	09/07/09

TPH METHOD BLANK SUMMARY

BLANK NO.: PN04MBW1

Lab Name: ANALYTICAL RESOURCES, INC
Client: GOLDER ASSOCIATES

SDG No.: PN10
Project No.: AVERY LANDING

Date Extracted: 09/07/09
Matrix: LIQUID

Date Analyzed : 09/07/09
Instrument ID : FID3A

Time Analyzed : 1752

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, and MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED
01	PN04LCSW1	PN04LCSW1	09/07/09
02	PN04LCSDW1	PN04LCSDW1	09/07/09
03	G-GA3S-09030	PN10A	09/07/09

FORM IV TPH

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
TOTAL DIESEL RANGE HYDROCARBONS
NWTPHD by GC/FID-Silica and Acid Cleaned
Page 1 of 1
Matrix: Water

QC Report No: PN53-Golder Associates
Project: Avery Landing
073-93312-03

Data Release Authorized: VTS
Reported: 09/17/09

ARI ID	Sample ID	Extraction Date	Analysis Date	EFV DL	Range	RL	Result
MB-091009	Method Blank	09/10/09	09/11/09	1.00	Diesel	0.25	< 0.25 U
09-20948	HC ID: ---		FID3A	1.0	Motor Oil	0.50	< 0.50 U
					o-Terphenyl		93.4%
PN53A	G-RS3SSW-090609	09/10/09	09/11/09	1.00	Diesel	0.25	< 0.25 U
09-20948	HC ID: ---		FID3A	1.0	Motor Oil	0.50	< 0.50 U
					o-Terphenyl		97.5%

Reported in mg/L (ppm)

EFV-Effective Final Volume in mL.
DL-Dilution of extract prior to analysis.
RL-Reporting limit.

Diesel quantitation on total peaks in the range from C12 to C24.
Motor Oil quantitation on total peaks in the range from C24 to C38.
HC ID: DRO/RRO indicate results of organics or additional hydrocarbons in ranges are not identifiable.

FORM I

ANALYTICAL RESOURCES INCORPORATED

CLEANED TPHD SURROGATE RECOVERY SUMMARY

Matrix: Water

QC Report No: PN53-Golder Associates
Project: Avery Landing
073-93312-03

Client ID	OTER	TOT OUT
MB-091009	93.4%	0
LCS-091009	94.8%	0
LCSD-091009	90.0%	0
G-RS3SSW-090609	97.5%	0

	LCS/MB LIMITS	QC LIMITS
(OTER) = o-Terphenyl	(51-120)	(41-121)

Prep Method: SW3510C
Log Number Range: 09-20948 to 09-20948

FORM-II TPHD

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
NWTPHD by GC/FID-Silica and Acid Cleaned **Sample ID: LCS-091009**
Page 1 of 1 **LCS/LCSD**

Lab Sample ID: LCS-091009
LIMS ID: 09-20948
Matrix: Water
Data Release Authorized: VTS
Reported: 09/17/09

QC Report No: PN53-Golder Associates
Project: Avery Landing
073-93312-03
Date Sampled: 09/06/09
Date Received: 09/10/09

Date Extracted LCS/LCSD: 09/10/09

Date Analyzed LCS: 09/11/09 17:19
LCSD: 09/11/09 17:38
Instrument/Analyst LCS: FID/MS
LCSD: FID/MS

Sample Amount LCS: 500 mL
LCSD: 500 mL
Final Extract Volume LCS: 1.0 mL
LCSD: 1.0 mL
Dilution Factor LCS: 1.00
LCSD: 1.00

Range	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Diesel	2.62	3.00	87.3%	2.45	3.00	81.7%	6.7%

TPHD Surrogate Recovery

	LCS	LCSD
o-Terphenyl	94.8%	90.0%

Results reported in mg/L
RPD calculated using sample concentrations per SW846.

ANALYTICAL RESOURCES INCORPORATED

TOTAL DIESEL RANGE HYDROCARBONS-EXTRACTION REPORT

ARI Job: PN53
Matrix: Water Project: Avery Landing
Date Received: 09/10/09 073-93312-03

ARI ID	Client ID	Samp Amt	Final Vol	Prep Date
09-20948-091009MB1	Method Blank	500 mL	1.00 mL	09/10/09
09-20948-091009LCS1	Lab Control	500 mL	1.00 mL	09/10/09
09-20948-091009LCSD1	Lab Control Dup	500 mL	1.00 mL	09/10/09
09-20948-PN53A	G-RS3SSW-090609	500 mL	1.00 mL	09/10/09

Diesel Extraction Report

TPH METHOD BLANK SUMMARY

BLANK NO.

PN53MBW1

Lab Name: ANALYTICAL RESOURCES, INC Client: GOLDER ASSOCIATES

SDG No.: PN53 Project No.: AVERY LANDING

Date Extracted: 09/10/09 Matrix: LIQUID

Date Analyzed : 09/11/09 Instrument ID : FID3A

Time Analyzed : 1701

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, and MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED
01	PN53LCSW1	PN53LCSW1	09/11/09
02	PN53LCSDW1	PN53LCSDW1	09/11/09
03	G-RS3SSW-090	PN53A	09/11/09

FORM IV TPH

METALS ANALYSIS

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: G-GA3S-090309
SAMPLE

Lab Sample ID: PN10A
LIMS ID: 09-20720
Matrix: Water
Data Release Authorized:
Reported: 09/16/09

QC Report No: PN10-Golder Associates
Project: Avery Landing
073-93312
Date Sampled: 09/03/09
Date Received: 09/04/09

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	µg/L	Q
3010A	09/04/09	6010B	09/14/09	7429-90-5	Aluminum	50	50	U
200.8	09/07/09	200.8	09/10/09	**7440-36-0**	**Antimony**	0.2	**0.2**	
200.8	09/07/09	200.8	09/10/09	**7440-38-2**	**Arsenic**	0.2	**2.6**	
3010A	09/04/09	6010B	09/14/09	**7440-39-3**	**Barium**	3	**31**	
3010A	09/04/09	6010B	09/14/09	7440-41-7	Beryllium	1	1	U
3010A	09/04/09	6010B	09/14/09	7440-43-9	Cadmium	2	2	U
3010A	09/04/09	6010B	09/14/09	**7440-70-2**	**Calcium**	50	**20,400**	
3010A	09/04/09	6010B	09/14/09	7440-47-3	Chromium	5	5	U
3010A	09/04/09	6010B	09/14/09	7440-48-4	Cobalt	3	3	U
3010A	09/04/09	6010B	09/14/09	7440-50-8	Copper	2	2	U
3010A	09/04/09	6010B	09/14/09	**7439-89-6**	**Iron**	50	**150**	
200.8	09/07/09	200.8	09/10/09	7439-92-1	Lead	1	1	U
3010A	09/04/09	6010B	09/14/09	**7439-95-4**	**Magnesium**	50	**3,280**	
3010A	09/04/09	6010B	09/14/09	**7439-96-5**	**Manganese**	1	**429**	
3010A	09/04/09	6010B	09/14/09	7440-02-0	Nickel	10	10	U
3010A	09/04/09	6010B	09/14/09	**7440-09-7**	**Potassium**	500	**2,360**	
3010A	09/04/09	6010B	09/14/09	7782-49-2	Selenium	50	50	U
3010A	09/04/09	6010B	09/14/09	7440-22-4	Silver	3	3	U
3010A	09/04/09	6010B	09/14/09	**7440-23-5**	**Sodium**	500	**1,620**	
200.8	09/07/09	200.8	09/10/09	7440-28-0	Thallium	0.2	0.2	U
3010A	09/04/09	6010B	09/14/09	7440-62-2	Vanadium	3	3	U
3010A	09/04/09	6010B	09/14/09	7440-66-6	Zinc	10	10	U

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS

Sample ID: G-GA3S-090309
MATRIX SPIKE

Lab Sample ID: PN10A
LIMS ID: 09-20720
Matrix: Water
Data Release Authorized:
Reported: 09/16/09

QC Report No: PN10-Golder Associates
Project: Avery Landing
073-93312
Date Sampled: 09/03/09
Date Received: 09/04/09

MATRIX SPIKE QUALITY CONTROL REPORT

Analyte	Analysis Method	Sample		Spike	Spike Added	% Recovery	Q
Aluminum	6010B	50.0	U	2,060	2,000	103%	
Antimony	200.8	0.210		26.3	25.0	104%	
Arsenic	200.8	2.63		28.6	25.0	104%	
Barium	6010B	30.5		1,940	2,000	95.5%	
Beryllium	6010B	1.00	U	501	500	100%	
Cadmium	6010B	2.00	U	495	500	99.0%	
Calcium	6010B	20,400		30,000	10,000	96.0%	
Chromium	6010B	5.00	U	489	500	97.8%	
Cobalt	6010B	3.00	U	486	500	97.2%	
Copper	6010B	2.00	U	497	500	99.4%	
Iron	6010B	152		2,220	2,000	103%	
Lead	200.8	1.00	U	25.3	25.0	101%	
Magnesium	6010B	3,280		13,400	10,000	101%	
Manganese	6010B	429		926	500	99.4%	
Nickel	6010B	10.0	U	474	500	94.8%	
Potassium	6010B	2,360		12,200	10,000	98.4%	
Selenium	6010B	50.0	U	2,000	2,000	100%	
Silver	6010B	3.00	U	525	500	105%	
Sodium	6010B	1,620		11,700	10,000	101%	
Thallium	200.8	0.200	U	24.1	25.0	96.4%	
Vanadium	6010B	3.00	U	516	500	103%	
Zinc	6010B	10.0	U	478	500	95.6%	

Reported in µg/L

N-Control Limit Not Met
H-% Recovery Not Applicable, Sample Concentration Too High
NA-Not Applicable, Analyte Not Spiked
NR-Not Recovered

Percent Recovery Limits: 75-125%

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: G-GA3S-090309
DUPLICATE

Lab Sample ID: PN10A
LIMS ID: 09-20720
Matrix: Water
Data Release Authorized:
Reported: 09/16/09

QC Report No: PN10-Golder Associates
Project: Avery Landing
073-93312
Date Sampled: 09/03/09
Date Received: 09/04/09

MATRIX DUPLICATE QUALITY CONTROL REPORT

Analyte	Analysis Method	Sample	Duplicate	RPD	Control Limit	Q
Aluminum	6010B	50 U	50 U	0.0%	+/- 50	L
Antimony	200.8	0.2	0.2 U	0.0%	+/- 0.2	L
Arsenic	200.8	2.6	2.5	3.9%	+/- 20%	
Barium	6010B	31	30	3.3%	+/- 20%	
Beryllium	6010B	1 U	1 U	0.0%	+/- 1	L
Cadmium	6010B	2 U	2 U	0.0%	+/- 2	L
Calcium	6010B	20,400	21,000	2.9%	+/- 20%	
Chromium	6010B	5 U	5 U	0.0%	+/- 5	L
Cobalt	6010B	3 U	3 U	0.0%	+/- 3	L
Copper	6010B	2 U	2 U	0.0%	+/- 2	L
Iron	6010B	150	150	0.0%	+/- 50	L
Lead	200.8	1 U	1 U	0.0%	+/- 1	L
Magnesium	6010B	3,280	3,320	1.2%	+/- 20%	
Manganese	6010B	429	432	0.7%	+/- 20%	
Nickel	6010B	10 U	10 U	0.0%	+/- 10	L
Potassium	6010B	2,360	2,410	2.1%	+/- 500	L
Selenium	6010B	50 U	50 U	0.0%	+/- 50	L
Silver	6010B	3 U	3 U	0.0%	+/- 3	L
Sodium	6010B	1,620	1,620	0.0%	+/- 500	L
Thallium	200.8	0.2 U	0.2 U	0.0%	+/- 0.2	L
Vanadium	6010B	3 U	3 U	0.0%	+/- 3	L
Zinc	6010B	10 U	10 U	0.0%	+/- 10	L

Reported in µg/L

*-Control Limit Not Met
L-RPD Invalid, Limit = Detection Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS **Sample ID: LAB CONTROL**

Lab Sample ID: PN10LCS
LIMS ID: 09-20720
Matrix: Water
Data Release Authorized:
Reported: 09/16/09

QC Report No: PN10-Golder Associates
Project: Avery Landing
073-93312
Date Sampled: NA
Date Received: NA

BLANK SPIKE QUALITY CONTROL REPORT

Analyte	Analysis Method	Spike Found	Spike Added	% Recovery	Q
Aluminum	6010B	2060	2000	103%	
Antimony	200.8	26.1	25.0	104%	
Arsenic	200.8	25.4	25.0	102%	
Barium	6010B	1940	2000	97.0%	
Beryllium	6010B	505	500	101%	
Cadmium	6010B	496	500	99.2%	
Calcium	6010B	9970	10000	99.7%	
Chromium	6010B	495	500	99.0%	
Cobalt	6010B	492	500	98.4%	
Copper	6010B	500	500	100%	
Iron	6010B	2110	2000	106%	
Lead	200.8	25	25	100%	
Magnesium	6010B	10400	10000	104%	
Manganese	6010B	512	500	102%	
Nickel	6010B	490	500	98.0%	
Potassium	6010B	9960	10000	99.6%	
Selenium	6010B	2000	2000	100%	
Silver	6010B	532	500	106%	
Sodium	6010B	10400	10000	104%	
Thallium	200.8	23.7	25.0	94.8%	
Vanadium	6010B	513	500	103%	
Zinc	6010B	490	500	98.0%	

Reported in µg/L

N-Control limit not met
Control Limits: 80-120%

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: METHOD BLANK

Lab Sample ID: PN10MB
LIMS ID: 09-20720
Matrix: Water
Data Release Authorized:
Reported: 09/16/09

QC Report No: PN10-Golder Associates
Project: Avery Landing
073-93312
Date Sampled: NA
Date Received: NA

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	µg/L	Q
3010A	09/04/09	6010B	09/14/09	7429-90-5	Aluminum	50	50	U
200.8	09/07/09	200.8	09/10/09	7440-36-0	Antimony	0.2	0.2	U
200.8	09/07/09	200.8	09/10/09	7440-38-2	Arsenic	0.2	0.2	U
3010A	09/04/09	6010B	09/14/09	7440-39-3	Barium	3	3	U
3010A	09/04/09	6010B	09/14/09	7440-41-7	Beryllium	1	1	U
3010A	09/04/09	6010B	09/14/09	7440-43-9	Cadmium	2	2	U
3010A	09/04/09	6010B	09/14/09	7440-70-2	Calcium	50	50	U
3010A	09/04/09	6010B	09/14/09	7440-47-3	Chromium	5	5	U
3010A	09/04/09	6010B	09/14/09	7440-48-4	Cobalt	3	3	U
3010A	09/04/09	6010B	09/14/09	7440-50-8	Copper	2	2	U
3010A	09/04/09	6010B	09/14/09	7439-89-6	Iron	50	50	U
200.8	09/07/09	200.8	09/10/09	7439-92-1	Lead	1	1	U
3010A	09/04/09	6010B	09/14/09	7439-95-4	Magnesium	50	50	U
3010A	09/04/09	6010B	09/14/09	7439-96-5	Manganese	1	1	U
3010A	09/04/09	6010B	09/14/09	7440-02-0	Nickel	10	10	U
3010A	09/04/09	6010B	09/14/09	7440-09-7	Potassium	500	500	U
3010A	09/04/09	6010B	09/14/09	7782-49-2	Selenium	50	50	U
3010A	09/04/09	6010B	09/14/09	7440-22-4	Silver	3	3	U
3010A	09/04/09	6010B	09/14/09	7440-23-5	Sodium	500	500	U
200.8	09/07/09	200.8	09/10/09	7440-28-0	Thallium	0.2	0.2	U
3010A	09/04/09	6010B	09/14/09	7440-62-2	Vanadium	3	3	U
3010A	09/04/09	6010B	09/14/09	7440-66-6	Zinc	10	10	U

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: G-RS3SSW-090609
SAMPLE

Lab Sample ID: PN53A
LIMS ID: 09-20948
Matrix: Water
Data Release Authorized:
Reported: 09/21/09

QC Report No: PN53-Golder Associates
Project: Avery Landing
073-93312-03
Date Sampled: 09/06/09
Date Received: 09/10/09

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	µg/L	Q
3010A	09/11/09	6010B	09/18/09	7429-90-5	Aluminum	50	50	U
200.8	09/11/09	200.8	09/14/09	7440-36-0	Antimony	0.2	0.2	U
200.8	09/11/09	200.8	09/14/09	**7440-38-2**	**Arsenic**	0.2	**0.4**	
3010A	09/11/09	6010B	09/18/09	**7440-39-3**	**Barium**	3	**6**	
3010A	09/11/09	6010B	09/18/09	7440-41-7	Beryllium	1	1	U
3010A	09/11/09	6010B	09/18/09	7440-43-9	Cadmium	2	2	U
3010A	09/11/09	6010B	09/18/09	**7440-70-2**	**Calcium**	50	**11,100**	
3010A	09/11/09	6010B	09/18/09	7440-47-3	Chromium	5	5	U
3010A	09/11/09	6010B	09/18/09	7440-48-4	Cobalt	3	3	U
3010A	09/11/09	6010B	09/18/09	7440-50-8	Copper	2	2	U
3010A	09/11/09	6010B	09/18/09	7439-89-6	Iron	50	50	U
200.8	09/11/09	200.8	09/14/09	7439-92-1	Lead	1	1	U
3010A	09/11/09	6010B	09/18/09	**7439-95-4**	**Magnesium**	50	**2,350**	
3010A	09/11/09	6010B	09/18/09	**7439-96-5**	**Manganese**	1	**2**	
3010A	09/11/09	6010B	09/18/09	7440-02-0	Nickel	10	10	U
3010A	09/11/09	6010B	09/18/09	**7440-09-7**	**Potassium**	500	**690**	
3010A	09/11/09	6010B	09/18/09	7782-49-2	Selenium	50	50	U
3010A	09/11/09	6010B	09/18/09	7440-22-4	Silver	3	3	U
3010A	09/11/09	6010B	09/18/09	**7440-23-5**	**Sodium**	500	**1,320**	
200.8	09/11/09	200.8	09/14/09	7440-28-0	Thallium	0.2	0.2	U
3010A	09/11/09	6010B	09/18/09	7440-62-2	Vanadium	3	3	U
3010A	09/11/09	6010B	09/18/09	7440-66-6	Zinc	10	10	U

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: G-RS3SSW-090609
MATRIX SPIKE

Lab Sample ID: PN53A
LIMS ID: 09-20948
Matrix: Water
Data Release Authorized:
Reported: 09/21/09

QC Report No: PN53-Golder Associates
Project: Avery Landing
073-93312-03
Date Sampled: 09/06/09
Date Received: 09/10/09

MATRIX SPIKE QUALITY CONTROL REPORT

Analyte	Analysis Method	Sample	Spike	Spike Added	% Recovery	Q
Aluminum	6010B	50.0 U	2,050	2,000	102%	
Antimony	200.8	0.200 U	24.9	25.0	99.6%	
Arsenic	200.8	0.360	26.6	25.0	105%	
Barium	6010B	5.91	1,980	2,000	98.7%	
Beryllium	6010B	1.00 U	510	500	102%	
Cadmium	6010B	2.00 U	512	500	102%	
Calcium	6010B	11,100	21,200	10,000	101%	
Chromium	6010B	5.00 U	491	500	98.2%	
Cobalt	6010B	3.00 U	488	500	97.6%	
Copper	6010B	2.00 U	497	500	99.4%	
Iron	6010B	50.0 U	2,090	2,000	104%	
Lead	200.8	1.00 U	24.4	25.0	97.6%	
Magnesium	6010B	2,350	12,700	10,000	104%	
Manganese	6010B	1.53	500	500	99.7%	
Nickel	6010B	10.0 U	492	500	98.4%	
Potassium	6010B	685	11,100	10,000	104%	
Selenium	6010B	50.0 U	2,070	2,000	104%	
Silver	6010B	3.00 U	473	500	94.6%	
Sodium	6010B	1,320	11,800	10,000	105%	
Thallium	200.8	0.200 U	23.3	25.0	93.2%	
Vanadium	6010B	3.00 U	512	500	102%	
Zinc	6010B	10.0 U	492	500	98.4%	

Reported in µg/L

N-Control Limit Not Met
H-% Recovery Not Applicable, Sample Concentration Too High
NA-Not Applicable, Analyte Not Spiked
NR-Not Recovered

Percent Recovery Limits: 75-125%

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: G-RS3SSW-090609
DUPLICATE

Lab Sample ID: PN53A
LIMS ID: 09-20948
Matrix: Water
Data Release Authorized:
Reported: 09/21/09

QC Report No: PN53-Golder Associates
Project: Avery Landing
073-93312-03
Date Sampled: 09/06/09
Date Received: 09/10/09

MATRIX DUPLICATE QUALITY CONTROL REPORT

Analyte	Analysis Method	Sample	Duplicate	RPD	Control Limit	Q
Aluminum	6010B	50 U	50 U	0.0%	+/- 50	L
Antimony	200.8	0.2 U	0.2 U	0.0%	+/- 0.2	L
Arsenic	200.8	0.4	0.3	28.6%	+/- 0.2	L
Barium	6010B	6	7	15.4%	+/- 3	L
Beryllium	6010B	1 U	1 U	0.0%	+/- 1	L
Cadmium	6010B	2 U	2 U	0.0%	+/- 2	L
Calcium	6010B	11,100	11,500	3.5%	+/- 20%	
Chromium	6010B	5 U	5 U	0.0%	+/- 5	L
Cobalt	6010B	3 U	3 U	0.0%	+/- 3	L
Copper	6010B	2 U	2 U	0.0%	+/- 2	L
Iron	6010B	50 U	50 U	0.0%	+/- 50	L
Lead	200.8	1 U	1 U	0.0%	+/- 1	L
Magnesium	6010B	2,350	2,440	3.8%	+/- 20%	
Manganese	6010B	2	2	0.0%	+/- 1	L
Nickel	6010B	10 U	10 U	0.0%	+/- 10	L
Potassium	6010B	690	720	4.3%	+/- 500	L
Selenium	6010B	50 U	50 U	0.0%	+/- 50	L
Silver	6010B	3 U	3 U	0.0%	+/- 3	L
Sodium	6010B	1,320	1,370	3.7%	+/- 500	L
Thallium	200.8	0.2 U	0.2 U	0.0%	+/- 0.2	L
Vanadium	6010B	3 U	3 U	0.0%	+/- 3	L
Zinc	6010B	10 U	10 U	0.0%	+/- 10	L

Reported in µg/L

*-Control Limit Not Met
L-RPD Invalid, Limit = Detection Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS **Sample ID: LAB CONTROL**

Lab Sample ID: PN53LCS
LIMS ID: 09-20948
Matrix: Water
Data Release Authorized:
Reported: 09/21/09

QC Report No: PN53-Golder Associates
Project: Avery Landing
073-93312-03
Date Sampled: NA
Date Received: NA

BLANK SPIKE QUALITY CONTROL REPORT

Analyte	Analysis Method	Spike Found	Spike Added	% Recovery	Q
Aluminum	6010B	2060	2000	103%	
Antimony	200.8	24.8	25.0	99.2%	
Arsenic	200.8	25.9	25.0	104%	
Barium	6010B	1990	2000	99.5%	
Beryllium	6010B	508	500	102%	
Cadmium	6010B	508	500	102%	
Calcium	6010B	10300	10000	103%	
Chromium	6010B	494	500	98.8%	
Cobalt	6010B	487	500	97.4%	
Copper	6010B	494	500	98.8%	
Iron	6010B	2080	2000	104%	
Lead	200.8	24	25	96.0%	
Magnesium	6010B	10500	10000	105%	
Manganese	6010B	500	500	100%	
Nickel	6010B	500	500	100%	
Potassium	6010B	10300	10000	103%	
Selenium	6010B	2020	2000	101%	
Silver	6010B	462	500	92.4%	
Sodium	6010B	10700	10000	107%	
Thallium	200.8	23.3	25.0	93.2%	
Vanadium	6010B	505	500	101%	
Zinc	6010B	510	500	102%	

Reported in µg/L

N-Control limit not met
Control Limits: 80-120%

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: METHOD BLANK

Lab Sample ID: PN53MB
LIMS ID: 09-20948
Matrix: Water
Data Release Authorized:
Reported: 09/21/09

QC Report No: PN53-Golder Associates
Project: Avery Landing
073-93312-03
Date Sampled: NA
Date Received: NA

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	µg/L	Q
3010A	09/11/09	6010B	09/18/09	7429-90-5	Aluminum	50	50	U
200.8	09/11/09	200.8	09/14/09	7440-36-0	Antimony	0.2	0.2	U
200.8	09/11/09	200.8	09/14/09	7440-38-2	Arsenic	0.2	0.2	U
3010A	09/11/09	6010B	09/18/09	7440-39-3	Barium	3	3	U
3010A	09/11/09	6010B	09/18/09	7440-41-7	Beryllium	1	1	U
3010A	09/11/09	6010B	09/18/09	7440-43-9	Cadmium	2	2	U
3010A	09/11/09	6010B	09/18/09	7440-70-2	Calcium	50	50	U
3010A	09/11/09	6010B	09/18/09	7440-47-3	Chromium	5	5	U
3010A	09/11/09	6010B	09/18/09	7440-48-4	Cobalt	3	3	U
3010A	09/11/09	6010B	09/18/09	7440-50-8	Copper	2	2	U
3010A	09/11/09	6010B	09/18/09	7439-89-6	Iron	50	50	U
200.8	09/11/09	200.8	09/14/09	7439-92-1	Lead	1	1	U
3010A	09/11/09	6010B	09/18/09	7439-95-4	Magnesium	50	50	U
3010A	09/11/09	6010B	09/18/09	7439-96-5	Manganese	1	1	U
3010A	09/11/09	6010B	09/18/09	7440-02-0	Nickel	10	10	U
3010A	09/11/09	6010B	09/18/09	7440-09-7	Potassium	500	500	U
3010A	09/11/09	6010B	09/18/09	7782-49-2	Selenium	50	50	U
3010A	09/11/09	6010B	09/18/09	7440-22-4	Silver	3	3	U
3010A	09/11/09	6010B	09/18/09	7440-23-5	Sodium	500	500	U
200.8	09/11/09	200.8	09/14/09	7440-28-0	Thallium	0.2	0.2	U
3010A	09/11/09	6010B	09/18/09	7440-62-2	Vanadium	3	3	U
3010A	09/11/09	6010B	09/18/09	7440-66-6	Zinc	10	10	U

U-Analyte undetected at given RL
RL-Reporting Limit

MERCURY ANALYSIS

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
Total Mercury by Method SW7470A

Data Release Authorized:
Reported: 09/09/09
Date Received: 09/04/09
Page 1 of 1

QC Report No: PN14-Golder Associates
Project: Avery Landing
073-93312

Client/ ARI ID	Date Sampled	Matrix	Prep Date Anal Date	RL	Result
G-GA3S-090309 PN14A 09-20749	09/03/09	Water	09/04/09 09/08/09	20.0	20.0 U
MB-090409 Method Blank	NA	Water	09/04/09 09/08/09	20.0	20.0 U

Reported in ng/L

RL-Analytical reporting limit
U-Undetected at reported detection limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS **Sample ID: LAB CONTROL**

Lab Sample ID: PN14LCS
LIMS ID: 09-20749
Matrix: Water
Data Release Authorized:
Reported: 09/09/09

QC Report No: PN14-Golder Associates
Project: Avery Landing
073-93312
Date Sampled: NA
Date Received: NA

BLANK SPIKE QUALITY CONTROL REPORT

Analyte	Analysis Method	Spike Found	Spike Added	% Recovery	Q
Mercury	7470A	166	200	83.0%	

Reported in ng/L

N-Control limit not met
Control Limits: 80-120%

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
Total Mercury by Method SW7470A

Data Release Authorized:
Reported: 09/15/09
Date Received: 09/10/09
Page 1 of 1

QC Report No: PN54-Golder Associates
Project: Avery Landing
073-93312-03

Client/ ARI ID	Date Sampled	Matrix	Prep Date Anal Date	RL	Result
G-RS3SSW-090609 PN54A 09-20950	09/06/09	Water	09/11/09 09/11/09	20.0	20.0 U
MB-091109 Method Blank	NA	Water	09/11/09 09/11/09	20.0	20.0 U

Reported in ng/L

RL-Analytical reporting limit
U-Undetected at reported detection limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: G-RS3SSW-090609
MATRIX SPIKE

Lab Sample ID: PN54A
LIMS ID: 09-20950
Matrix: Water
Data Release Authorized:
Reported: 09/15/09

QC Report No: PN54-Golder Associates
Project: Avery Landing
073-93312-03
Date Sampled: 09/06/09
Date Received: 09/10/09

MATRIX SPIKE QUALITY CONTROL REPORT

Analyte	Analysis Method	Sample	Spike	Spike Added	% Recovery	Q
Mercury	7470A	20.0 U	87.5	100	87.5%	

Reported in ng/L

N-Control Limit Not Met
H-% Recovery Not Applicable, Sample Concentration Too High
NA-Not Applicable, Analyte Not Spiked

Percent Recovery Limits: 75-125%

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: G-RS3SSW-090609
DUPLICATE

Lab Sample ID: PN54A
LIMS ID: 09-20950
Matrix: Water
Data Release Authorized:
Reported: 09/15/09

QC Report No: PN54-Golder Associates
Project: Avery Landing
073-93312-03
Date Sampled: 09/06/09
Date Received: 09/10/09

MATRIX DUPLICATE QUALITY CONTROL REPORT

Analyte	Analysis Method	Sample	Duplicate	RPD	Control Limit	Q
Mercury	7470A	20.0 U	20.0 U	0.0%	+/- 20.0	L

Reported in ng/L

*-Control Limit Not Met
L-RPD Invalid, Limit = Detection Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: LAB CONTROL

Lab Sample ID: PN54LCS
LIMS ID: 09-20950
Matrix: Water
Data Release Authorized:
Reported: 09/15/09

QC Report No: PN54-Golder Associates
Project: Avery Landing
073-93312-03
Date Sampled: NA
Date Received: NA

BLANK SPIKE QUALITY CONTROL REPORT

Analyte	Analysis Method	Spike Found	Spike Added	% Recovery	Q
Mercury	7470A	169	200	84.5%	

Reported in ng/L

N-Control limit not met
Control Limits: 80-120%